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III. Amendments to the Claims

- (Currently Amended) An apparatus for receiving communication signals from satellites, comprising:
 - a plate of light channel material formed from a plurality of aligned subplates, the plate and each of the subplates having a top surface and a bottom surface;
 - a plurality of antenna nodes supported on the top surface of each of the [[plate]] subplates;
 - a support stand detachably attached to the bottom surface of the plate; wherein the plate, the plurality of antenna nodes, and the support stand interconnect to form a lightweight portable antenna assembly.
- (Original) The apparatus of claim 1, wherein the support stand further comprises an electronic control unit detachably attached to the bottom side of the plate.
- 3. (Currently Amended) The apparatus of claim [[1]] 2, wherein at least one of the antenna nodes in the plurality of antenna nodes communicates through the plate of light channel material with the electronic control unit.
- (Original) The apparatus of claim 1, wherein each of the anterna nodes in the plurality of antenna nodes is located in a known position or the plate.

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- 5. (Original) The apparatus of claim 1, wherein at least two of the antenna nodes in the plurality of antenna nodes is a dipole antenna slement, the plurality of antenna nodes collectively forming a phase array for transmitting and receiving signals.
- 6. (Cancelled)
- (Original) The apparatus of claim 1, wherein the support stand is collapsible.
- 8. (Currently Amended) The apparatus of claim 2, each of the antenna nodes further comprising a phase delay element adaptable to affect a delay in a communication signal wherein the electronic control unit combines the signal from each of at least two of the antenna nodes and calculates a deviation between the signals to produce a control signal that allows the delay of at least one of the antenna nodes to be adjusted.
- (Original) The apparatus of claim 1, wherein the light channel material is a
 material that is capable of conveying communication signals in the form of
 light.
- 10. (Original) The apparatus of claim 1, wherein the light channel material is a polycarbonate material.
- (Original) The apparatus of claim 1, further comprising at least one conductor supported by the plate, said conductor providing a power transmission pathway.

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- 12. (Currently Amended) The apparatus of claim [[5]] 18, furthe comprising an alignment feature connected to each of the plurality of subplates, the alignment feature providing means to align the subplate with the electronic control unit.
- 13. (Currently Amended) The apparatus of claim [[10]] 11, further comprising an interconnection pad, wherein the conductor is routed from the antenna node to the interconnect pad.
- 14. (Currently Amended) An apparatus for receiving communication signals from satellites, comprising:
 - a plate of light channel material formed from a plurality of aligned subplates, the plate and each of the subplates having a top surface and a bottom surface;
 - a plurality of antenna nodes supported on the top surface of <u>each of</u> the subplates of the plate;
 - a support stand detachably fixed to the bottom surface of the plate;
 - an electronic control unit, at least one of the antenna nodes in the plurality of antenna nodes communicating through the plate of light channel material with the electronic control unit;

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wherein the plate, the plurality of antenna nodes, the electronic control unit, and the support stand interconnect to form a lightweight portable antenna assembly that is easily disassembled.

15. (Original) An apparatus for receiving communication signals from satellites, comprising:

a plate of light channel material formed from a plurality of aligned subplates, each of the subplates having a top surface and a bottom surface;

a plurality of antenna nodes supported on the top surface of each of the subplates;

an electronic control unit contained in a housing that has a bottom surface, at least one of the antenna nodes in the plurality of antenna nodes communicating through the plate of light channel material with the electronic control unit;

a collapsible support stand detachably fixed to the bottom surface of the housing;

wherein the plate with the plurality of antenna nodes, the electronic control unit, and the support stand interconnect to form a lightweight antenna assembly that may be disassembled into easily portable components.

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- 16. (Previously presented) The apparatus of claim 1, wherein the light channel material is a gylcolized polyester material.
- 17. (Previously presented) The apparatus of claim 1, wherein the light channel material is an acrylic material.
- 18. (New) An apparatus for receiving communication signals from satellites, comprising:
 - a plate of light channel material, the plate having a top surface and a bottom surface, the plate being formed from a plurality of subplates formed of light channel material;
 - a plurality of antenna nodes supported on the top surface of the plate;
 - a support stand detachably attached to the bottom surface of the plate, the support stand having an electronic control unit detachably attached to the bottom side of the plate;
 - wherein the plate, the plurality of antenna nodes, and the support stand interconnect to form a lightweight portable antenna assembly.